



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPL. NO : 09/862,773
APPLICANT : SCHNAUFER ET AL.
FILED : 5/21/2001
TITLE : PORTABLE REDUCED-EMISSIONS WORK LIGHT
TC/A.U. : 2875
EXAMINER : Amaranrides, J.
DOCKET NO. : 197/40

DECLARATION PURSUANT TO 35 U.S.C. § 1.132

Thomas B. Crates declares and says:

1. I am one of the named inventors in the above-referenced patent application and make this declaration based upon my personal knowledge, except as to those things stated upon information and belief, and as to those things, I believe them to be true.

2. There has been a long-standing need for a work light which meets the military standards for durability and low emissions. The light as now claimed is the first such light to meet military specifications.

3. As described in the Specification, particularly at paragraphs 56, 60, and Figures 2 and 3, the light has an electronic ballast 45. This feature is highly desirable. An electronic ballast uses less current, reduces flicker and start-up delay, and has a longer life. However, a drawback heretofore preventing the use of electronic ballast-type lights in many applications is the fact that an electronic ballast emits significantly more EMI

radiation that conventional magnetic ballasts.

4. Upon information and belief, prior, unsuccessful efforts to solve the emission problem included the expenditure of approximately \$500,000 by Bruce Industries, Inc., manufacturer of the prior art TM 10-5410-229 13&P light cited as prior art by the Examiner.

5. The light as claimed has been a commercial success. In an approximately 18 month period beginning January, 2002, seven thousand, one-hundred, thirty-nine (7,139) two-light sets having a sales value of \$2,893,743 have been sold—63% to the Defense Logistics Agency. The remaining 37% were sold to tent manufacturers or directly to military bases, including Ft. Campbell, Ft. Belvoir, Ft. Bragg, Ft. Hood, Fr. Detrick, Ft. Lewis, Ft. Benning, Ft. Carson, Ft. Polk, Ft. Stewart, Ft. Huachuca, Langley Air Force Base, Brooks Air Force Base, Keesler Air Force Base, Camp LeJeune MCS and SBCCOM Natick.

6. The undersigned declares further that all statements made herein of his own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



A handwritten signature in black ink, appearing to read "Thomas B. Crates". The signature is fluid and cursive, with "Thomas" and "Crates" being the most distinct parts.

Thomas B. Crates